

ABSTRACT OF THE DISCLOSURE

A lightweight airfoil having a skin over a frame, and manufacturing process therefore, in which the airfoil is formed by coring a sheet of support material, attaching skin material to the cored sheet of support material to form a laminate, and defining an outer portion of the airfoil
5 from the laminate, and then defining the frame in the support material, for example, by compressing the support material proximate the frame. The airfoil may be defined by trimming excess material from the laminate proximate an outer portion of the frame. A single sheet of support material, such as expanded polystyrene, can span in each of these steps.